Conservation Effects

Land use: Pasture Guidance Document ID#: P1

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Resource Setting: Pasture adjacent to surface water.

RMS Alternative #2

Fence (382)

Grade Stabilization Structure (410)

Heavy Use Area Protection (561)

Nutrient Management (590)

Pest Management (595)

Prescribed Grazing (528A)

Riparian Forest Buffer (391)

Watering Facility (614)

Well Decommissioning (351)

Concerns Concern to Quality Criteria levels* Comments	Ty	pical Resource	Practice(s) that treat the resource			
SOIL Erosion Heavy Use Area Protection (561) Soil loss less than "T"		_	* *	Comments		
erosion Prescribed Grazing (528A) soil loss less than "T" 3) Classic gully/ concentrated flow erosion 4) Other erosion Heavy Use Area Protection (561) gullies stabilized **WATER Quality - ground water** 1) Pesticides Pest Management (595) pesticide movement minimized 2) Nutrients Nutrient Management (590) mutrient movement minimized 3) Pathogens Well Decommissioning (351) conduit eliminated **WATER Quality - surface water** 1) Pesticides Pest Management (595) pesticide movement minimized 3) Pathogens Well Decommissioning (351) conduit eliminated **WATER Quality - surface water** 1) Pesticides Pest Management (595) pesticide movement minimized 2) Livestock Nutrient Management (590) pesticide movement minimized **WATER Quantity - no concern** **WATER Quantity - no concern** **WATER Quantity - no concern** **AIR** 1) Airborne Chemical Drift Pest Management (595) Application in compliance with laws and consistent with Drift Management Plan. 2) Airborne Odors No complaints or						
2) Wind erosion Prescribed Grazing (528A) soil loss less than "T" 3) Classic gully concentrated flow erosion Water Quality - ground water	1)	Sheet & rill	Heavy Use Area Protection (561)	soil loss less than "T"		
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^{*} Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments			
PLANTS Concern to Quanty Criteria levels Comments					
Invasive species and noxious weeds Threatened and	Pest Management (595) Prescribed Grazing (528A) Pest Management (595)	Invasive species and noxious weeds controlled. Laws regarding T&E			
endangered species	Test Management (393)	species followed.			
ANIMAL Habitat					
Wildlife Habitat secondary purpose 2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)	Must have three (3) species of grass/legumes in existing pasture to provide Herbaceous Cover Habitat Index over 0.35. 35 feet of permanent vegetation along watercourses			
ANIMAL Management					
Domestic animal wellbeing	Fence (382) Heavy Use Area Protection (561) Prescribed Grazing (528A) Watering Facility (614)	Care of animals regarding food, water, shelter and safety consistent with GAAMPs.			
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.			

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